

**In The Claims:**

**Please Amend the Claims so as to read as follows:**

1. (Currently Amended) An access point device having an interface function with a network constructed of wired transmission channels and establishing datalink connection with a plurality of mobile stations within the area of a radio LAN, the access point device comprising:

display means ~~notification means for notifying a network administrator administering said LAN of the presence of an authentication-requesting mobile station so as to gain the final authorization of an authentication procedure when a mobile station in the area perform said authentication procedure before the initiation of an association procedure; and~~

input means, wherein from which said network administrator notified inputs an authentication-authorizing or -rejecting instruction with respect to said authentication-requesting mobile station when performing an authentication procedure before a particular mobile station initiates an association procedure, the display means displays information regarding the mobile station requesting authentication to a LAN administrator for final authorization of the authentication procedure when the mobile station is in the area in response to a notification of the presence of the authentication requesting mobile station, and wherein an authentication-authorizing or rejecting instruction for the mobile station displayed by the display means can be entered via the input means by the network administrator.

2. (Currently Amended) A method using the device according to claim 1 ~~An authentication method for an access point device having an interface function with a network constructed of wired transmission channels and establishing datalink connection with a plurality of mobile stations within the area of a radio LAN, the method initiating an association procedure after authentication is completed of said mobile stations by performing:~~
- ~~a first step in which said mobile stations and said access point device initiate a predetermined authentication procedure in response to an authentication request from said mobile stations to said access point device;~~
  - ~~a second step in which said access point device, in authorizing the authentication of said mobile stations by said authentication procedure, notifies a network administrator administering said LAN of the final authorization of said authentication procedure and starts an authentication wait timer before said access point device returns an authentication response message, or the final message in said authentication procedure, to said mobile stations, said authentication wait timer being set at a maximum wait time up to the final authentication;~~
  - ~~a third step in which said network administrator provides a final authentication authorizing or rejecting instruction to said access point device before the timeout of said authentication wait timer;~~
  - ~~a fourth step in which said access point device, when said network administrator provides a final authentication authorizing instruction before the timeout of said authentication wait timer, returns said authentication response message to said mobile stations as authentication authorization; and~~
  - ~~a fifth step in which said mobile stations receiving said authentication response message start said association procedure.~~

3. Canceled, without prejudice.

4. Canceled, without prejudice.

5. Canceled, without prejudice.